REMARKS

In response to the Office Action mailed on September 30, 1998, Applicant wishes to enter the following remarks for the Examiner's consideration. Applicant has amended the specification, claims 7, 11, 13, 15, 16, and the drawings as indicated in the attached Leave to Amend Drawings. Claims 1-6, 9, and 10 have been canceled without prejudice and new claims 20-29 have been added. Claims 1-19 are currently pending in the Application.

The drawings are objected to because the different views shown in Figure 4 should be labeled separately. Applicant has amended Figure 4 to refer to Fig. 4A and Fig. 4B, as suggested by the Examiner, in the attached Leave to Amend Drawings attached hereto. This amendment to the drawings has necessitated that the Brief Description of the Drawings as well as the Detailed Description of the Invention be amended as well. The amendments to the drawings and the specification are supported by the application as filed and do not therefore constitute new matter.

Claims 13-19 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite. Applicant believes that the amendments made to claims XX overcome this rejection. As per claim 13, applicant has amended the claim to provide proper antecedent basis. As per claim 15, applicant has amended the claim to provide proper antecedent basis by making it clear that claim 15 refers to the "sampled GPS data" recited in claim 13. As per claim 16, applicant has amended the claim to clarify that the language refers back to the last step of claim 13.

Claims 1-6 and 9 are rejected under 35 U.S.C. 102(e) as being anticipated by Margolin (U.S. Patent No. 5,566,073), hereinafter Margolin. Claims 1-6 and 9 are further rejected under 35 U.S.C. 102(e) as being anticipated by Monson (U.S. Patent No. 5,721,679), hereinafter Monson. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Margolin or Monson. Applicant has canceled claims 1-6, 9, and 10, without prejudice.

Claims 13-19 would be allowable if rewritten or amended to overcome the rejections under 35 U.S.C. 112, second paragraph. Applicant has amended the claims to overcome the 112, second paragraph, rejections and thus these claims are believed to be allowable.

Claims 7, 8, 11, and 12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicant has accordingly amended independent claims 7 and 11 from which claims 8 and 12 depend, respectively. Applicant respectfully submits that claims 1, 8, 11, and 12 are allowable as amended.

In addition to the allowable claims noted above, Applicant has added new claims 20-29 directed to the concept of differential positional input data. The concept of differential input data, such as dGPS, is discussed throughout the specification and as noted at page 16, lines 4-9, of the specification, dGPS data is the result of coupling GPS data with correctional information in order to the reduce the error contained within the GPS data. DGPS data is thus much more accurate that GPS data. As stated on

page 11, lines 15-19, the FAA recently approved the use of dGPS for instrument approaches at otherwise restricted airports on December 7, 1995. Importantly, the concept of dGPS data is not disclosed, taught, suggested, or anticipated by either the Margolin or the Monson references.

Moreover, Applicant respectfully submits that these new claims do not raise a new issue that would require further search. The claims as filed contained dGPS; the Examiner is respectfully directed to claim 15, for instance, which has been stated is allowable.

Applicant respectfully submits that the foregoing remarks and amendments place all of the remaining claims of the application, 7-8 and 11-29, in condition for allowance. Allowance of the claims is therefore respectfully requested at the Examiner's earliest convenience. The undersigned representative cordially invites the Examiner to call if there remain any formal matters to resolve prior to allowing the case.

Respectfully submitted,

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